

**SONY**

# DCR-PC350

## Digital Handycam® Camcorder

worryfree**digitalvideo**™

Sony. Engineered to be effortless.

### FEATURES

#### ▶ 3.3 Megapixel (Gross) Advanced HAD™ CCD Imager

**MEGAPIXEL ENGINE** 1/3" Advanced HAD™ (Hole Accumulation Diode) CCD Imager with 2048K (effective) video pixels provides excellent detail and clarity, for exceptional digital video performance. Realize unprecedented digital still images with 3048K (effective) pixels. The Megapixel technology enhances your digital videos (**530 lines of horizontal resolution**) and digital photography performance.

#### MiniDV Recording

Offers up to 530 lines of horizontal resolution, 3X color bandwidth (vs. VHS) and significantly higher S/N ratio, to provide stunning video performance.

#### 10X Optical/120X Digital Zoom

The optical zoom helps to bring the action up close from far away. In addition, the digital zoom interpolation means that extreme digital zooming is clearer, with less distortion than previous types of digital zooms.

#### Handycam® Station

Placing the DCR-PC350 on the supplied Handycam Station provides a quick and easy connection between the camcorder and a TV/VCR for easy viewing, or a USB or i.LINK® supported computer for video and still image editing. It also supplies power to the camcorder for charging the battery.

#### 2.5" Hybrid SwivelScreen™ Touch Panel LCD Display (123K Pixels)

**25" Hybrid LCD monitor** Provides excellent viewing clarity with improved resolution. The 123K pixel LCD display makes images sharp and detailed during playback or when monitoring recording. The Hybrid Reflective-Transmissive LCD Screen provides accurate viewing in sunlight or bright light, virtually eliminating the "wash-out" common with traditional LCD Screens.

#### ▶ Digital Still Memory Mode with Memory Stick Duo™ Media

**DIGITAL STILL MEMORY MODE** Capture digital still images at 2016 x 1512, 1600 x 1200 or 640 x 480 resolution, directly onto Memory Stick Duo™ Media for easy transfer to PC's for emailing, printing, or sharing with other compatible Memory Stick® Media devices.

#### ▶ Professional Quality Carl Zeiss® Vario-Sonnar® T\* Lens

**ZEISS** Carl Zeiss T\* lens coatings are among some of the most advanced multi-layer coating systems in the world, resulting in even less glare and flare with increased contrast. This results in vivid image brilliance, true-to-life color saturation and perfect renditions of subtle tones.

#### Progressive Shutter

Mechanical shutter system that provides Progressive Scan performance while utilizing an interlace scanning system. Digital still images will be sharp and clear with excellent definition.

#### Easy Handycam

**Easy Handycam** Using a camcorder can be intimidating for some people, so with a press of the Easy Handycam button, most of the advanced functions of the camcorder are "locked out" leaving only the buttons essential for recording operational.

#### Super NightShot Infrared System and Color Slow Shutter

**Super NightShot 0 Lux** With Sony's NightShot® Infrared system, capture video in total darkness (0 lux) up to 10 feet away. Super NightShot 0 Lux recording mode automatically adjusts the shutter speed to increase picture brightness and clarity. Color slow shutter mode allows you to record in low light situations with full color detail by slowing down the shutter speed.

#### Analog To Digital Conversion with Pass-Through

Convert and/or record any analog NTSC video source to digital video via the analog inputs. Analog NTSC video can also be passed through the digital Handycam camcorder directly into a PC via the i.LINK® interface in real-time for easy PC editing of your analog footage.

#### Battery Information



Battery information is momentarily displayed without having to power on the camcorder. Quickly access the battery's status by pressing the Battery Info button. The Recording Time Available is displayed in minutes on either the LCD screen or in the viewfinder.

#### InfoLithium® Battery with AccuPower™ Meter System¹

**InfoLITHIUM** Charge the battery at any time because unlike NiCad (Nickel Cadmium) batteries Sony's rechargeable Lithium-Ion batteries are not subjected to a life shortening "memory effect". Sony's exclusive AccuPower™ meter displays the battery time remaining in minutes, in the viewfinder or the LCD screen.

#### Super SteadyShot Image Stabilization System



An advanced version of Sony's SteadyShot® system that controls an even higher range of shake and vibration frequencies, to achieve an even higher level of smoothness without degradation of video like some other image stabilization systems.

#### i.LINK®\* DV Interface (IEEE1394)



A high speed bi-directional digital video/audio communication between two compatible devices equipped with an IEEE1394 interface, including camcorders, digital VTRs and PCs.

#### 12-Bit/16-Bit PCM Digital Stereo

16-Bit offers the same outstanding sound quality as compact disc. 12-Bit recording enables you to add an additional audio track with compatible audio dubbing equipment or i.LINK®\* interface compatible computers.

#### Picture Package™ Software



Easily create fun music videos with the supplied software.

#### ▶ STEP-UP FEATURE

# DCR-PC350<sup>1</sup>

## Digital Handycam<sup>®</sup> Camcorder

### ADDITIONAL FEATURES

- 14-Bit DXP
- AE Shift (8 Step)
- ▶ Cinematic Effect
- Digital Audio/Video Fader
- Digital Program Editing
- Enhanced 16:9
- EXIF 2.2
- Expanded Focus Indicator
- Intelligent Accessory Shoe
- Intelligent Built-In Flash
- MPEG Movie EX
- Multi-Language Menu
- PictBridge™ Compatibility
- Program AE (Auto Exposure) Modes
- Smooth Interval Recording
- USB Streaming
- ▶ Zebra Pattern

### SPECIFICATIONS

- Imaging Device:** 1/3" 3310K Pixel Advanced HAD™ CCD
- Video Actual:** 2048K Pixels
- Still Actual:** 3048K Pixels
- F:** 1.8 – 2.9
- Focal Distance:** 5.1 – 51mm (Camera Mode)  
6.0 – 51mm (Memory Mode)
- 35mm Conversion:** 45 – 450mm (Camera Mode)  
44 – 374mm (Memory Mode)
- Filter Diameter:** 30mm
- Optical Zoom:** 10X (Camera Mode)  
8.5X (Memory Mode)
- Digital Zoom:** 120X
- Focusing:** Full Range Auto/Manual (Ring)/Spot (Touch Panel)
- Minimum Illumination:** 5 lux (0 lux with NightShot Infrared System)
- NightShot<sup>®</sup> Infrared System:** Super NightShot, Color Slow Shutter
- Shutter Speed:** 1/4 – 1/4,000 (AE Mode)
- Viewfinder:** Color, 123K Pixels
- LCD:** 2.5" (123K) Hybrid Color
- Accessory Shoe:** Intelligent
- Video Input/Output:** Yes/Yes (Mini/S-Video)
- Audio Input/Output:** Yes/Yes (Stereo, Special)
- i.LINK<sup>®</sup> DV Interface (IEEE1394):** Yes
- USB:** Yes
- Memory Stick PRO Duo™ Media Compatibility:** Tested to support up to 512MB media capacity; does not support high speed transfer function; does not support Access Control security function
- USB Streaming:** Yes
- Headphone Jack:** N/A
- Mic. Input:** Yes (stereo)
- White Balance:** Auto/Outdoor/Indoor/One Push
- Exposure:** Manual, Touch Panel (24 Step)
- Power Consumption (VF/LCD/VF+LCD):** 3.1W/3.4W/3.5W
- Software OS Compatibility:** Microsoft® Windows® 98SE, Me, 2000 Professional, XP Home and Pro  
Macintosh® OS X (10.1.5 or later)\*\*
- Dimensions (WHD):** 2 3/8 x 4 1/4 x 4 1/4" (57.3 x 107.3 x 106.7mm)
- Weight:** 15.0 oz. (440g) without Tape and Battery
- Supplied Accessories:** AC-L25 Power Adaptor/ In Camera Charger, NP-FF51 InfoLithium<sup>®</sup> Rechargeable Battery, RMT-831 Wireless Remote Commander<sup>®</sup> Remote Control, USB Cable, DCRA-C111 Handycam Station, MSA-M16A Memory Stick Duo™ Media, MSAC-M2 Memory Stick Duo Adapter, Lens Cap, A/V Cable, LCD Cleaning Cloth, CD-ROM with USB Driver (Picture Package™ Software v.1.0 for Sony)

**SONY**

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worryfree<sup>digital</sup>video<sup>®</sup>

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### BATTERY LIFE<sup>1</sup>

Battery* (Fully charged)	Continuous Rec Time VF/LCD/LCD Backlight Off/VF+LCD	Continuous Playback Time LCD On/Off
NP-FF51	105/90/105/90 min	140/155 min
NP-FF71	210/190/210/180 min	285/310 min
NP-FF50	90/80/90/80 min	125/135 min
NP-FF70	190/175/190/170 min	260/285 min

\*Results may vary depending upon conditions



### MEMORY MODE

Still Pictures-Fine/Standard (approx)



Memory Stick Duo™ Media <sup>2</sup>	2016 x 1512 3MP	1600 x 1200 2MP	640 x 480 VGA
8MB	5/12	8/18	50/120
16MB	10/24	16/37	96/240
32MB	20/48	32/75	190/485
64MB	40/98	65/150	390/980
128MB	82/195	130/300	780/1970
Memory Stick PRO Duo™ Media <sup>2</sup>			
256MB	145/355	235/540	1400/3550
512MB	300/720	480/1100	2850/7200



### MPEG MOVIE EX MODE

h=hour, m=minute, s=second

Memory Stick Duo™ Media <sup>2</sup>	Email Mode (160 x 112)	Presentation Mode (320 x 240)	Memory Stick PRO Duo™ Media	Email Mode (160 x 112)	Presentation Mode (320 x 240)
8MB	5m 20s	1m 20s	256MB	2h 50m 40s	42m 40s
16MB	10m 40s	2m 40s	512MB	5h 41m 20s	1h 25m 20s
32MB	21m 20s	5m 20s			
64MB	42m 40s	10m 40s			
128MB	1h 25m 20s	21m 20s			

### OPTIONAL ACCESSORIES

- NP-FF51/71 Rechargeable InfoLithium<sup>®</sup> Batteries
- BC-TRF Travel AC Adapter
- LCM-PCM Soft Carrying Case
- VMC-15FS S-Video / Composite A/V Cables
- VMC-14UMB2 USB Cable
- VMC-IL4415/4435/4615/4635 i.LINK<sup>®</sup> Cables
- VCL-HG0730 High Grade Wide Angle Conversion Lens
- VCL-HG2030 High Grade Tele Conversion Lens
- VF-30NK Neutral Density Filter Kit
- VF-30SC Special Effects Filter Kit
- VCL-SW04 Wide Angle Conversion Lens
- VCL-ST30 Tele Conversion Lens
- RM-VD1 Remote Commander<sup>®</sup> Remote Control
- VCT-MTK Travel Tripod Kit
- VCT-D870/680/580/480RM Remote Control Tripod
- HVL-FDH4 Video & Flash
- ECM-MSD1 Condenser Microphone
- MSH-M32A/64A/128A Memory Stick Duo™ Media
- MSX-M256A/512A Memory Stick PRO Duo™ Media
- MSAC-M2 Memory Stick Duo™ Media Adaptor
- MSAC-PC3 PC Card Memory Stick<sup>®</sup> Media Adaptor
- MSAC-US30 USB Memory Stick<sup>®</sup> Reader/Writer

1 Designed for use with compatible Sony InfoLithium<sup>®</sup> batteries.

2 Available storage capacity of Memory Stick and Memory Stick PRO media may vary. A portion of the memory is used for data management functions. Actual available memory in MBs is: 8=7.5, 16=15, 32=30, 64=61, 128=123, 256=220, 512=460

\* i.LINK is a trademark of Sony, used only to designate that a product contains an IEEE1394 connector. All products with an IEEE1394 connector may not communicate with each other.

\*\* Not compatible with USB Streaming.